

# Converting Colors

HunterLab(76.6524, -31.1204,  
-21.6108)

Have a look what the booklet for  
HunterLab(76.6524, -31.1204,  
-21.6108) contains.

<b>HunterLab(76.7219, -31.3231, -21.2750)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(76.7219,  
-31.3231, -21.2750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CDCF7
RGB	60, 220, 247
RGB Percent	24%, 86%, 97%
CMY	0.7646, 0.1372, 0.0314
CMYK	0.76, 0.11, 0.00, 0.03
HSL	189°, 92%, 60%
HSV	189°, 76%, 97%
XYZ	44.2452, 58.8625, 97.0254
YIQ	175.2380, -104.0270, -25.5230

# Conversions

## Conversions Part 2

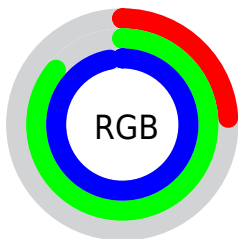
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 146, 247
Decimal	3988727
CIELab	81.22, -31.53, -24.84
CIELCh	81, 40.140, 218.239
Yxy	58.8646, 0.2211, 0.2941
Android (android.graphics.Color)	4282178807 (0xFF3CDCF7)
YUV	175.2380, 35.3787, -101.0637
Hunter-Lab	76.7219, -31.3231, -21.2750

# Details

The HunterLab color **76.7219, -31.3231, -21.2750** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **51.8838, 55.7068, 28.0583**, and the grayscale version is **65.4646, -3.4930, 3.5568**.

A 20% lighter version of the original color is **91.5469, -36.1175, -5.4939**, and **55.3822, -23.2426, -19.0488** is the 20% darker color. If you saturate the color by 10%, you get **75.1094, -31.2455, -23.7281**, and if you desaturate by 10%, it is **78.5580, -30.5709, -18.5419**.

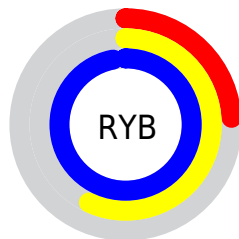
# Distribution



Red (24%)

Green (86%)

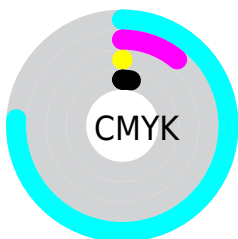
Blue (97%)



Red (24%)

Yellow (57%)

Blue (97%)

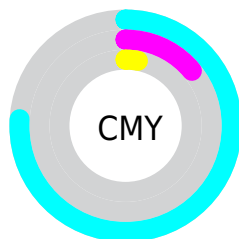


Cyan (76%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (14%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7219, -31.3231, -21.2750 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 76.7219, -31.3231, -21.2750 by changing the saturation by 10% instead.



76.7219, -31.3231,  
-21.2750

76.7219, -31.3231,  
-21.2750

205.0366,  
-50.1505, -21.8155

65.1952, -29.0418,  
-20.9484

101.5780,  
-35.7152, -21.7495

54.3105, -26.6831,  
-20.5630

114.8501,  
-37.8480, -21.9042

44.1096, -24.2240,  
-20.1189

128.6547,  
-39.9490, -22.0067

34.6419, -21.6313,  
-19.6231

142.9719,  
-42.0242, -22.0595

25.9694, -18.8545,  
-19.0961

157.7840,  
-44.0784, -22.0647

18.1730, -15.8104,  
-18.5949

173.0749,

11.3652, -13.4392,

-46.1154, -22.0245

-18.2932

188.8303,  
-48.1385, -21.9409

■ 3.6708, -6.4238,  
-33.0738

0.0000, NaN, -NF

■ 76.7219, -31.3231,  
-21.2750

■ 76.7219, -31.3231,  
-21.2750

■ 75.1094, -31.2455,  
-23.7281

■ 78.5580, -30.5709,  
-18.5419

■ 73.6935, -30.4207,  
-25.9207

■ 80.6260, -28.9541,  
-15.5358

■ 73.1246, -29.9188,  
-26.8133

■ 82.9328, -26.4711,  
-12.2710

■ 85.4788, -23.1461,  
-8.7702

88.2604, -19.0213,  
-5.0603

91.2716, -14.1508,  
-1.1693

94.5040, -8.5958,  
2.8749

97.6929, -3.3021,  
6.7347

98.8227, -5.1908,  
8.0084

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7233, -37.7194, -1.1000



76.7219, -31.3231, -21.2750



76.7233, -17.4790, -36.7667

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7233, -31.3230, -21.2738



76.7233, 33.8251, -10.2216



76.7233, -9.3851, 31.7056

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.7219, -31.3231, -21.2750



51.8838, 55.7068, 28.0583

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7233, 10.2682, 30.4189



76.7219, -31.3231, -21.2750



76.7233, 36.5428, 9.1026

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7233, -31.3230, -21.2738



76.7233, 20.4544, -29.3588



76.7233, 27.5482, 23.0973



76.7233, -25.9048, 27.1975

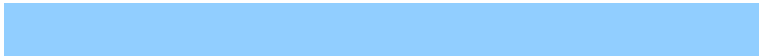


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7219, -31.3231, -21.2750



76.7233, -5.2439, -40.5831



76.7233, 27.5482, 23.0973



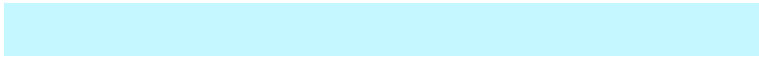
76.7233, -2.9451, 31.9090

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.7233, -31.3230, -21.2738



92.3246, -18.4505, -4.1893



82.5461, -64.9580, 43.5624



42.2072, -9.3295, -2.6013

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

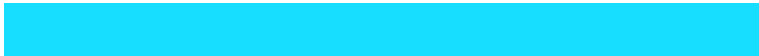


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7233, -31.3230, -21.2738



77.0561, -32.0198, -25.8739



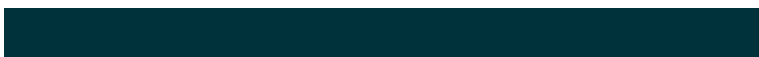
48.2346, 13.4634, -78.2082



42.8089, -4.9444, 0.6107



53.3307, -21.9567, -19.2605



16.1522, -6.9513, -5.1829



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.0802, 84.9818, -41.4383



52.0747, 96.2404, -44.5063



72.1920, 10.1063, 41.1487



40.8959, 3.0899, -0.8005



36.0147, 68.6529, -30.8096

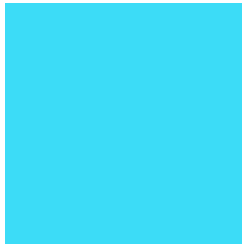


10.7285, 20.5340, -9.8200



# Previews

## White Background



This preview shows how the HunterLab color 76.7219, -31.3231, -21.2750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

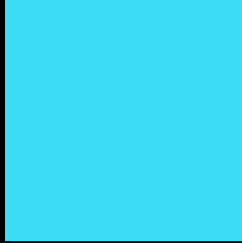
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.7219, -31.3231, -21.2750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 76.7219, -31.3231, -21.2750 Background



This preview shows how black text looks on a background with the HunterLab color 76.7219, -31.3231, -21.2750.



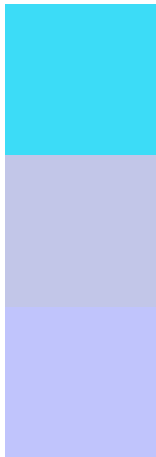
This preview shows how white text looks on a background with the HunterLab color 76.7219,

-31.3231, -21.2750.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

76.7219, -31.3231, -21.2750

### Protanopia

75.9498, 1.0695, -12.7791

### Deuteranopia

75.9701, 5.7939, -24.9610



## Tritanopia

76.6350, -34.0529, -16.5528

# Trichromacy



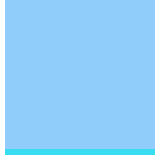
## Original Color

76.7219, -31.3231, -21.2750



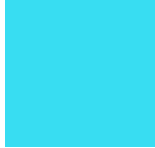
## Protanomaly

75.0179, -14.6071, -17.3531



## Deuteranomaly

75.1625, -11.3948, -25.2279



## Tritanomaly

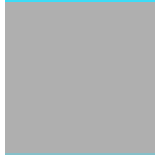
76.7883, -33.2273, -18.1268

# Monochromacy



## Original Color

76.7219, -31.3231, -21.2750



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

68.1654, -17.5653, -6.3678

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.7219, -31.3231, -21.2750 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(60, 220, 247)` looks like.

```
.text, #text, p{  
    color:rgb(60, 220, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(60, 220, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 220, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.7219, -31.3231, -21.2750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(60, 220, 247) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(60, 220, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(60, 220, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 220, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 220, 247);  
box-shadow:4px 4px 4px 4px rgb(60, 220,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.7219, -31.3231, -21.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 220, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(60, 220,  
247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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